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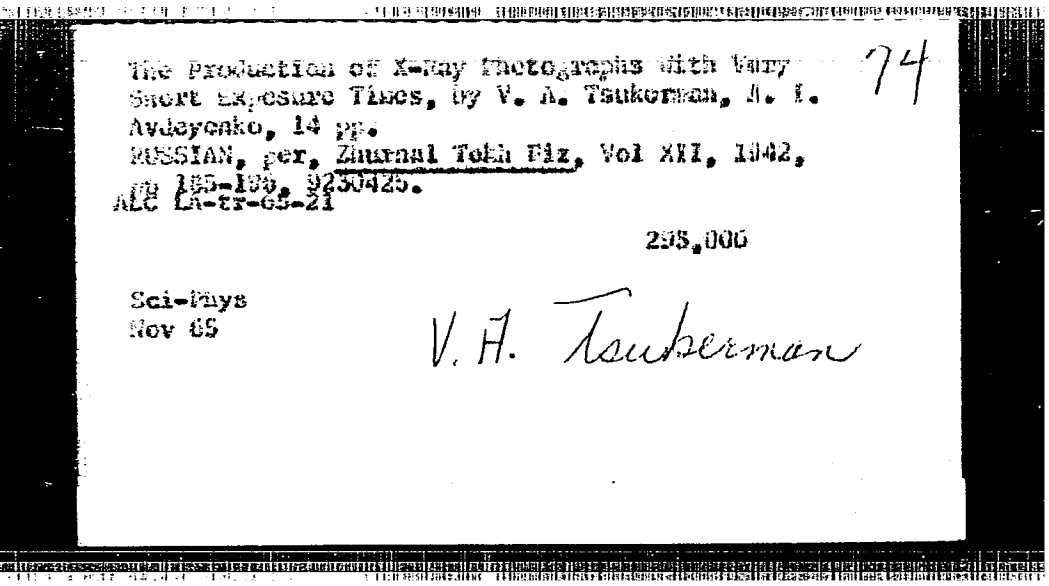

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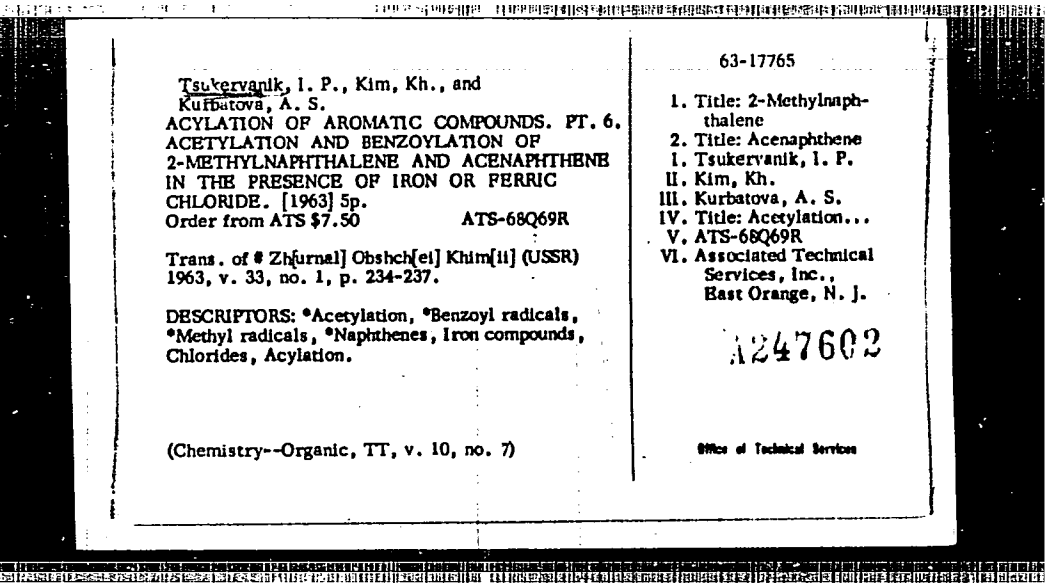

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Trans. of # Zh[urnal] Obshch[ei] Khim[ii] (USSR) 1963, v. 33, no. 1, p. 234-237.

DESCRIPTORS: *Acetylation, *Benzoyl radicals, *Methyl radicals, *Naphthenes, Iron compounds, Chlorides, Acylation.

(Chemistry--Organic, TT, v. 10, no. 7)

63-17765

1. Title: 2-Methylnaphthalene
2. Title: Acenaphthene
I. Tsukervanik, I. P.
II. Kim, Kh.
III. Kurbatova, A. S.
IV. Title: Acetylation...
V. ATS-68Q69R
VI. Associated Technical Services, Inc., East Orange, N. J.

A247602

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[1961] 6p. 7 refs.
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DESCRIPTORS: *Alcohols, *Condensation reactions, Aluminum compounds, *Chlorides, *Alkyl radicals, *Hydrocarbons.

Decomposition of products of interaction of alcohols with aluminum chloride was investigated at temperatures above 100°. Contrary to the data of Norris and Sturgis (J. Am. Chem. Soc. 61: 1413, 1939), high

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61-20141

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II. Title: Mechanism. . .

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Condensation of Vinyl Ethers and α-Chloroethers with Benzene

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ALKYLATION OF PHENOLS WITH ALCOHOLS IN THE PRESENCE OF ALUMINUM CHLORIDE. II. ALKYLATION WITH SECONDARY AND PRIMARY ALIPHATIC ALCOHOLS (Alkilirovanie Fenolov Spirtami v Prisutstvii Khloristogo Alyuminiya. II. Alkilirovanie Vtorichnymi i Pervichnymi Alifaticheskimi Spirtami). 24p (foreign text included) 20refs. Order from SLA: $2.60 as TT-65-13852

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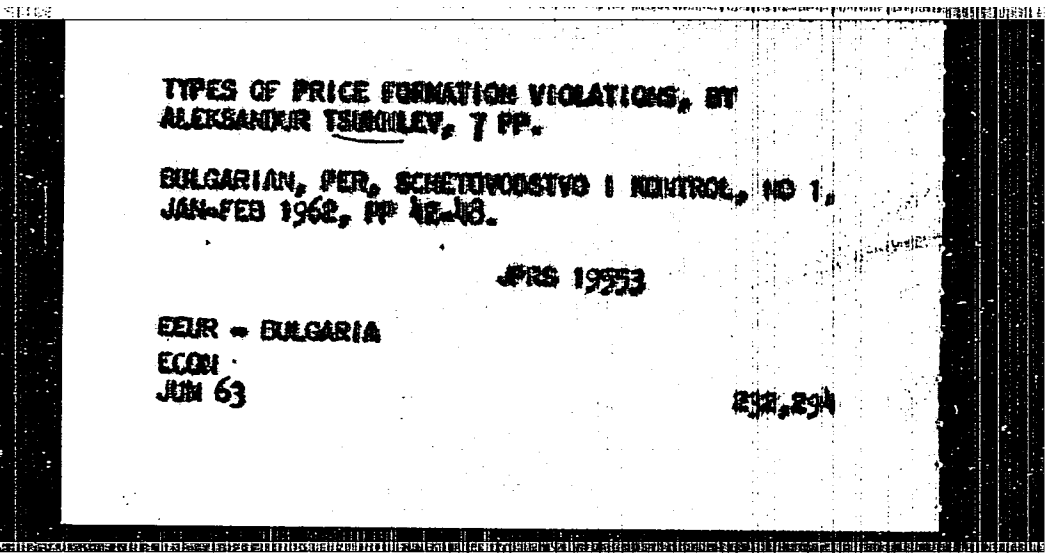

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(Engineering--Electronic, TT, v. 5, no. 7)

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Order from OTS or SLA $1.10 63-23850

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DESCRIPTORS: *Electrophoresis, Proteins, Blood serum, *Blood transfusions, *Aging (Physiology), *Blood proteins.

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A study of special magnesium alloys obtained by casting. III. Castability

Etude des alliages spéciaux de magnésium obtenus par coulée. III. Aptitude à la coulée "castability"

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Etude des Alliages Speciaux de Magnesium Obtenus par Coulee. II. Effet de l'Addition de Zirconium sur les Paroprites Mecaniques du Magnesium et de Ses Alliages, (Study of Special Magnesium Alloys Obtained by Casting. II. Effect of Addition of Zirconium on Mechanical Properties of Magnesium and Its Alloys),by M. Tsukuda, 30 pp.

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A.T. TULAGANOV

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Tsuneshige Rokujo
Tetsuzo Nishihara
Tadanoshin Ukita
Sadao Iguchi
Akira Tsumita

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National Institutes of Health
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Tsumori, Hiroshi, Nakajima, Junichi and others.
AUTOMATIC CONTROL OF pH IN SODIUM GLUCONATE PRODUCTION FROM GLUCOSE BY ASP. NIGER. [1962] 11p. (5 figs. 2 tables omitted) 9 refs.
Order from SLA $1.60 62-14603

Trans. of [Hakko Kogaku Zasshi] (Japan) 1961, v. 39, no. 6, p. 328-[332].

DESCRIPTORS: *Gluconates, *Hydrogen ion concentration, *Sodium compounds, *Fermentation, *Glucose, *Molds.

An automatic pH control system was employed in the production of gluconic acid by fermentation of glucose in the presence of Asp. niger. The pH of the fermentation solution could be maintained at 6.5 ±0.05 throughout the fermentation period. The system possessed the following features. The solution was circu-
(Engineering--Chemical, TT, v. 8, no. 9) (over)

62-14603
I. Tsumori, H.
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II. Nakajima, J.

C225924

Office of Technical Services

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